

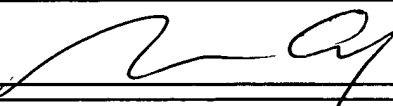
**New Claim 39:**

B<sup>2</sup> 39. A method of claim 3 wherein said tissue specimen is selected from the group consisting of vascular smooth muscle cells, adrenal cells, endothelial cells, monocytes, pancreas tissue, breast tissue, renal tissue, or a tumor.

**REMARKS**

Claims 1-5, 10-21, 28, 32, 34-36 and 38 are pending in the application. Applicants have elected to prosecute the claims of Group II (claims 3-5) and therefore have canceled non-elected claims 1, 2, 10-21, 28, 32, 34-36 and 38. Applicants also have amended claim 3 to incorporate some of the limitations of canceled claim 1 (essentially rewriting claim 3 in independent form) and added new claim 39 to better define an embodiment of the invention.

Applicants believe the claims now are in condition for allowance and therefore request favorable consideration of the claims at this time.

RESPECTFULLY SUBMITTED,					
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Attachment: Mark-up of Claims

**Mark-up Copy of Claim:**

3. (Amended) A method for diagnosing a disease state in a patient in which [the] human 12-lipoxygenase [of claims 1-2], distinct from that found in human platelets and distinct from human 15-lipoxygenase, or 12-HETE is an etiological agent which comprises:

- (i) obtaining a physiological specimen from said patient; and
- (ii) determining whether [the] said etiological agent or antibodies to said etiological agent are present in said specimen.